

East Central Phoenix (ECP) 40th Street & Osborn Road

Boundaries:

The boundaries of the site approximate a circle about 800 feet in diameter centered around SRP well 17.9E-7.5N. The actual center of the circle is approximately 400 feet to the west of 40th Street and 50 feet to the south of Osborn Road.

Site History:

- During routine monitoring, tetrachloroethene (PCE) was detected in SRP well 17.9E-7.5N at levels above the Arizona Aquifer Water Quality Standard (AWQS). The maximum PCE concentration was 210 micrograms per liter (µg/l) in September of 1998; the minimum PCE concentration was 17.9 µg/l in August of 1987. The source of the contamination is currently unknown.
- ADEQ monitors SRP 17.9E-7.5N and one nearby groundwater monitoring well on a semi-annual basis.
- In May of 2000, the site was placed on the WQARF Registry with a score of 30 out of a possible 120.
- In June 2003, one groundwater monitoring well was installed in the Osborn Road alignment, west of 40th Street.

Site Status:

- Groundwater sampling of the SRP well is currently conducted by ADEQ on a quarterly basis.

Site Hydrogeology:

- The site is located within the West Salt River Valley sub-basin of the Phoenix Active Management Area (AMA). The Salt River Valley is an alluvial filled basin located in the Basin & Range physiographic province.
- Based on the boring log for SRP 17.9E-7.5N, the site is underlain by gravelly clay from ground surface to approximately 120 feet below ground surface (bgs), where bedrock is encountered. While drilling a groundwater monitoring well in June 2003, an aquitard was identified at a depth of 70 to 90 feet bgs.
- Based on measurements in June 2003, depth to groundwater is approximately 27 feet bgs. Based on regional information, the groundwater flow direction is presumed to be to the southwest.

Contaminants:

The current contaminants of concern in groundwater include tetrachloroethene (PCE). Contaminants of concern at the site may change as new data become available.

Public Health Impact:

There is currently no known threat of direct exposure to the public from the contamination at the site. Salt River Project (SRP) well is currently not being pumped as part of an agreement with ADEQ.

Community Involvement Activities:

A community advisory board will be formed when a remedial investigation is initiated at the site. A fact sheet was distributed to all residences in the site mailing area in April 2003.

Information Repository:

Interested parties can review site information at the ADEQ main office located at 1110 West Washington Street, Phoenix. Site information is available for review Monday through Friday from 8 a.m. to 5 p.m. To arrange for a time to review the public site file, please call the ADEQ Records Center (602) 771-4380 or (800) 234-5677 (Arizona toll free).

Contacts:

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*In Arizona, but outside the Phoenix area, call toll-free at (800) 234-5677.